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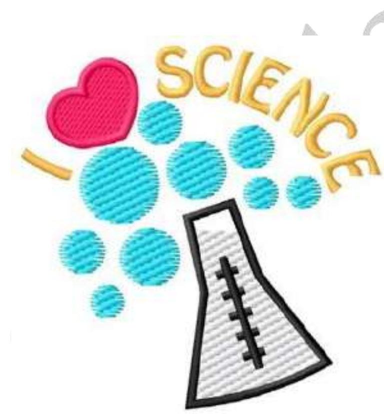
Science department



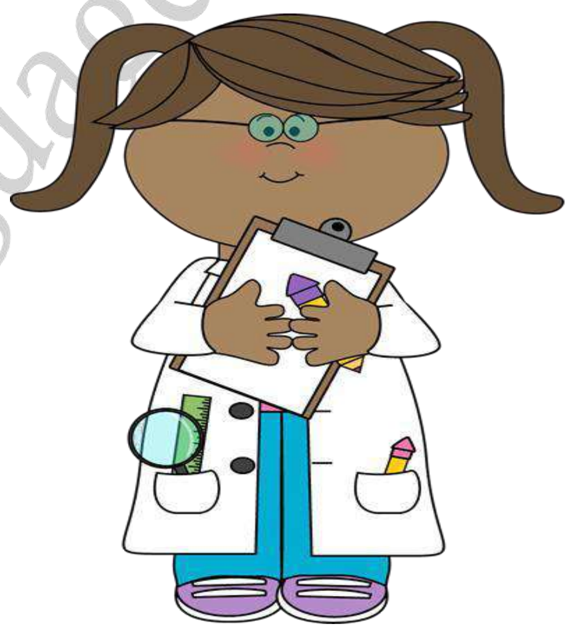
Primary (2)

Second term

(2024 – 2025)







Name: --

Class: --

Lesson 1

Floating and sinking materials

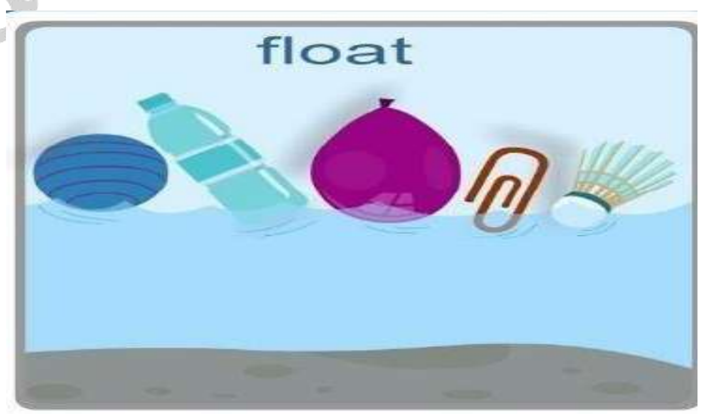
Sinking: Go down below the surface of liquid (water), become submerged.



Sinking materials:

1-Iron 2-copper 3-gold 4-silver

Floating:



Rest or move on the surface of a liquid without sinking.

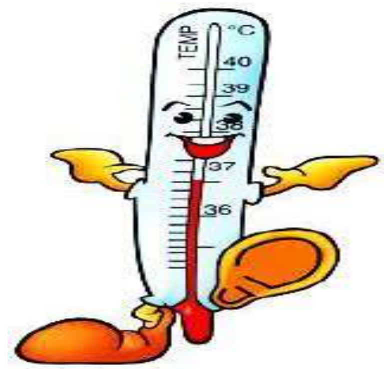
Floating materials:

1-wood 2-plastic 3- paper

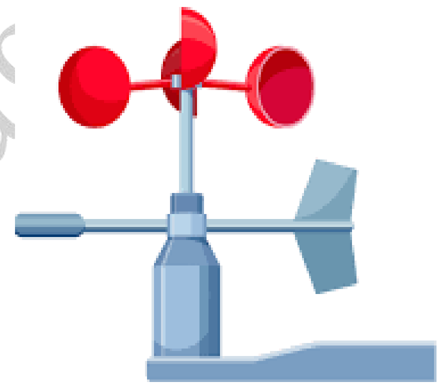
Lesson 2

Different measuring tools:

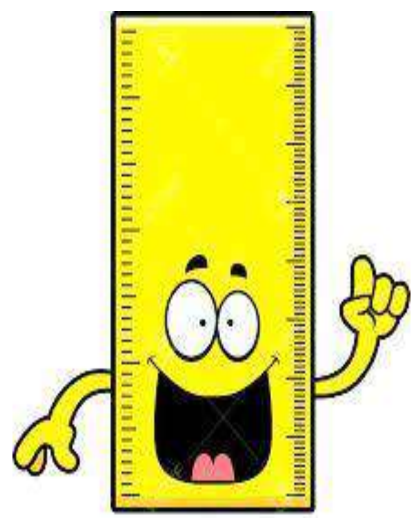
1-Thermometer is used to measure temperature.



2- Anemometer is used to measure wind speed.



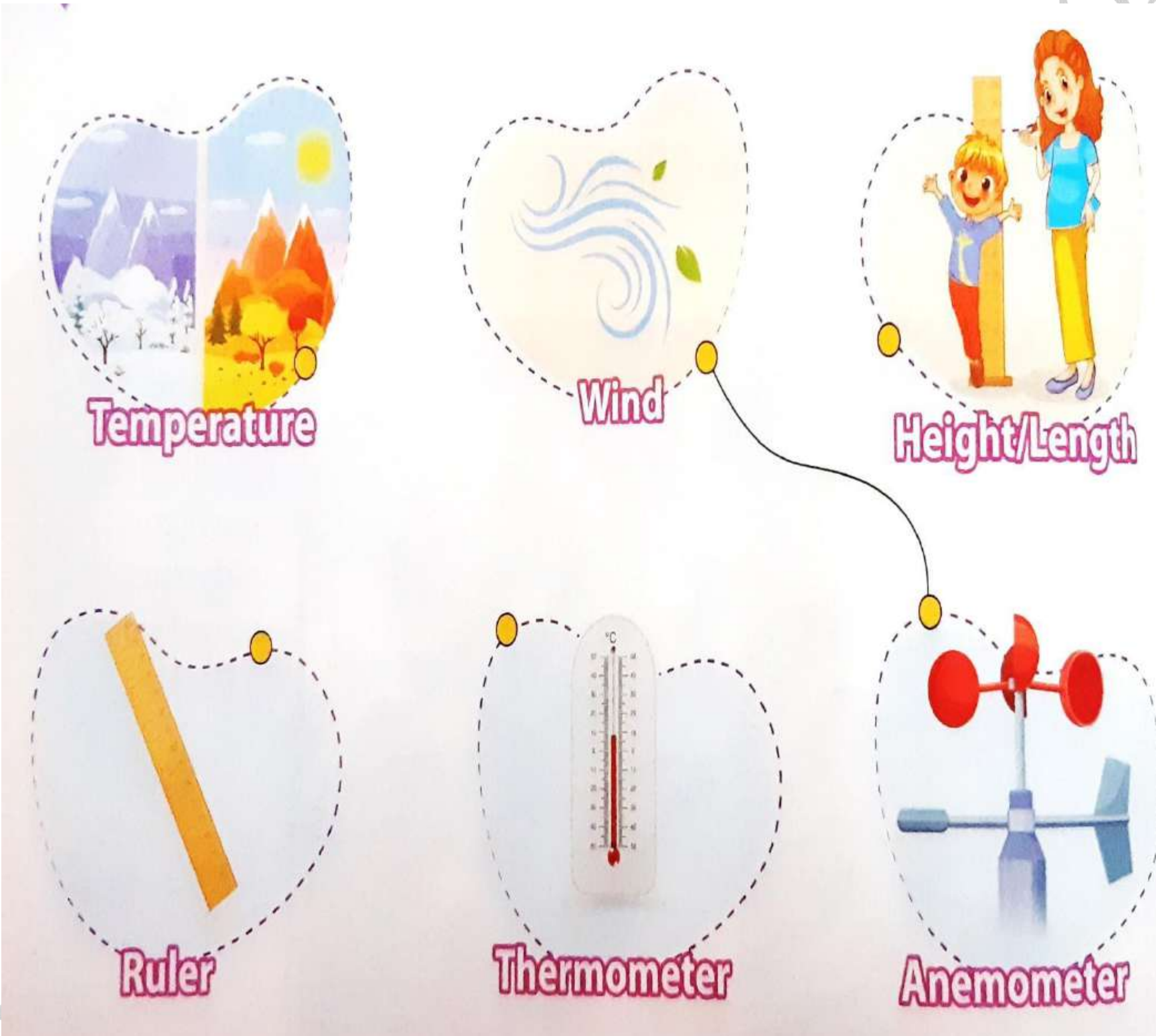
3- Ruler is used to measure small length.



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Worksheet

Match each tool to what it is used to measure:





Lesson 3

Water

"Water is an essential part in our life."

Importance of water in our life:

1-Living organisms need water to live.

2-We need water to plant.



The natural sources of water:

Where does water come from???

1- Rain



2- Lakes



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3- Puddle



4-River



5- Underground water (well and water pump are used to get underground water)







Worksheet

Arrange the following steps (1-4) to know where water comes from:



Lesson (4)

Aquatic

Aquatic is anything relating or being in water life.



Aquatic biologist:

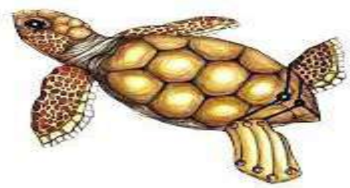
Learning everything about aquatic (water) environment).



The aquatic ecosystem of the Nile river

River Nile is the home to many kinds of living organisms such as:

1-Soft shelled turtle



It is a huge, shy reptile and it doesn't bite.

2-Crocodile



It is a reptile.

It eats fish, birds, frogs and other animals.

3-Egyptian goose



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Some fish are tiny, while others are very big.

1-Nile perch



2-Tiger fish



3-Cat-fish



4-Spiny eel fish

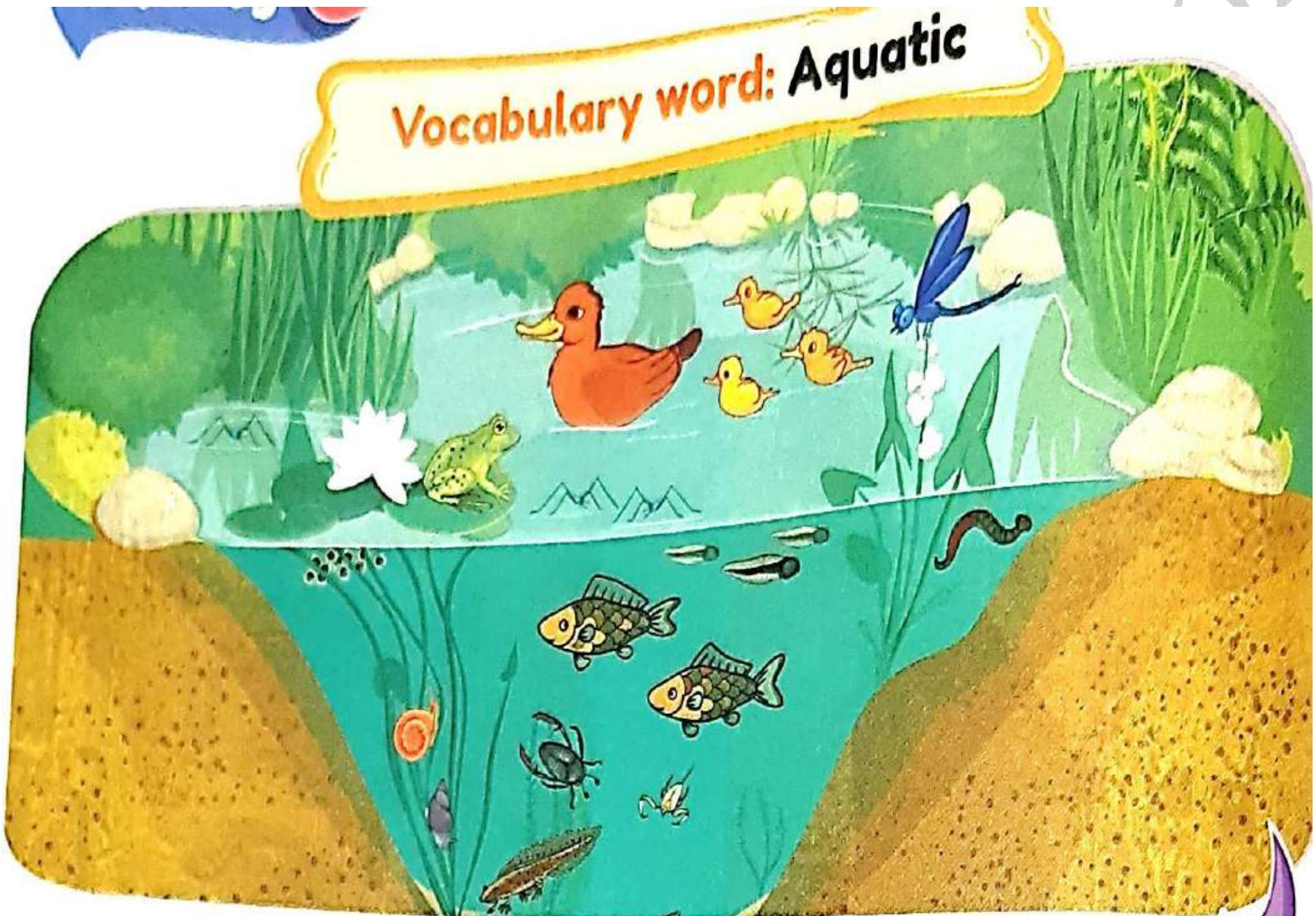
It is a fish, but it looks like a snack.





Worksheet

Look at the image , then answer:

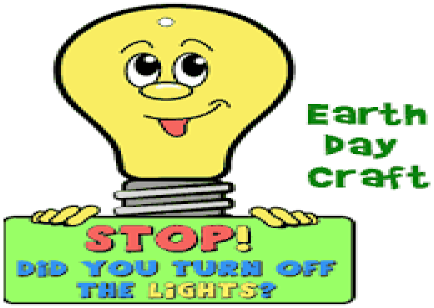


1. All fish belong to ....

   - [ ] water life
   - [ ] agricultural life

2. All organisms that live in water are called ....

   - [ ] aquatic
   - [ ] birds



Lesson (5)

Electricity



- Electricity is a form of energy.
- Using electricity at home.

Worksheet



ELECTRICITY: ELECTRICAL APPLIANCES

We use many things in our daily lives that use electricity.
Circle the items that cannot work without it.

Worksheet

Circle the things that need electricity



Coconut juice



Toothbrush



Vacuum cleaner



Computer



Paint



Luggage



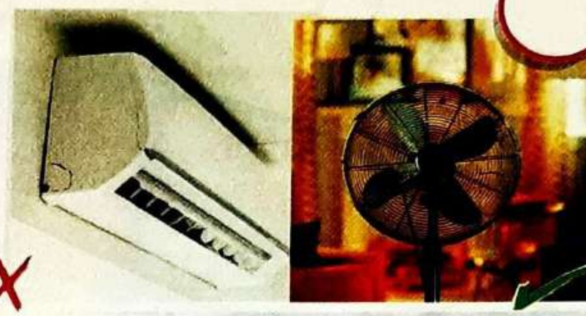
Lamp

Worksheet

Tick (✓) what you must do to conserve electricity:



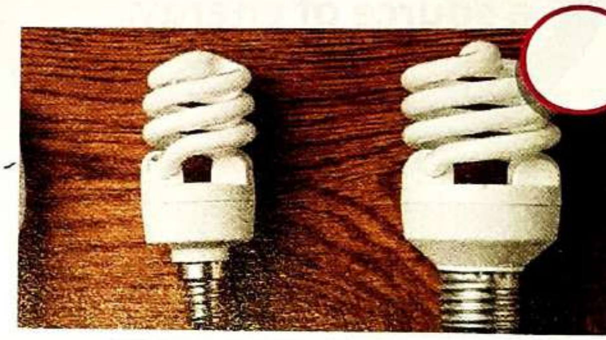
Keep all lights turned On in your home.



Use fans instead of air conditioners.



Turn Off the TV when you're not in the room.



Use energy saving light bulbs.



Turn Off lights during the morning.

Lesson (6): Light

- Light is form of energy that can be seen.
- Light is necessary for photosynthesis process, lighting of houses, streets and factories.

Sources of light

Artificial Sources

1- Electric lamp

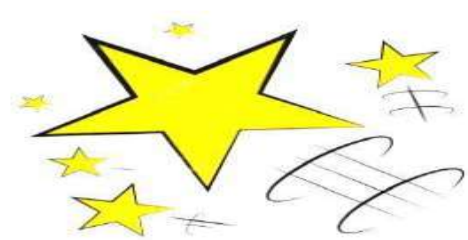


2- Candles



Natural Sources

1- Stars



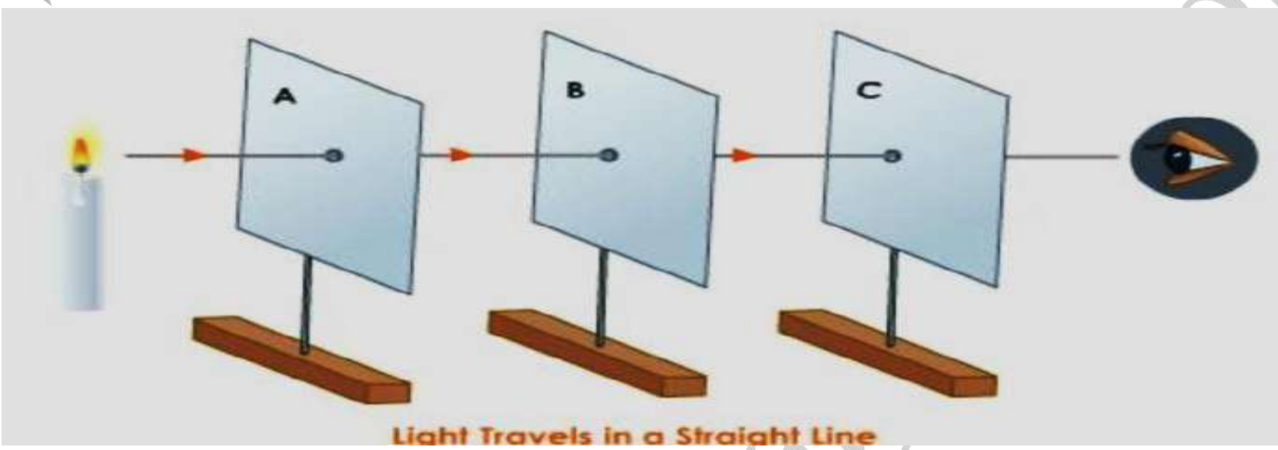
2- Sun



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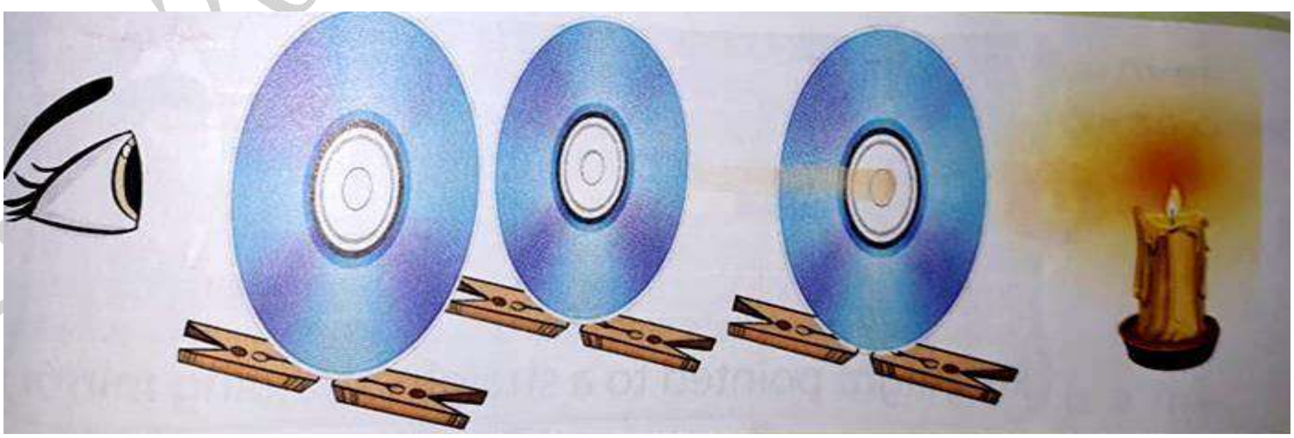
Properties of light

Light travels in straight lines.



Let's do an experiment:





2 Light pass through different materials.

*Light will pass through clear glass.

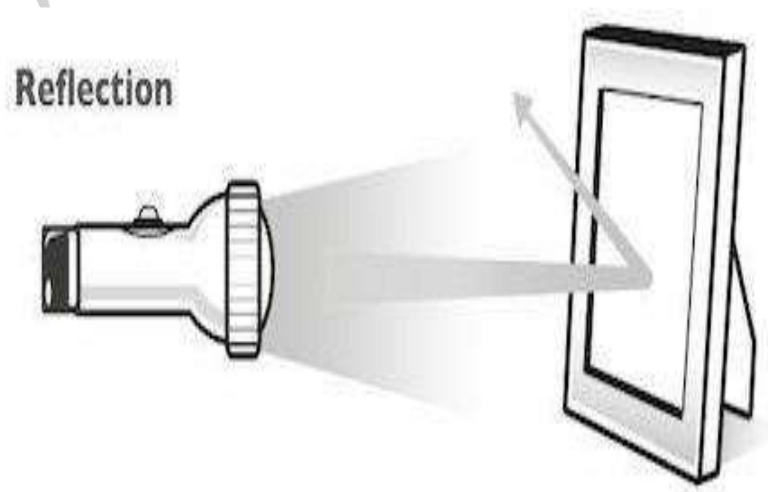


*Light will be blocked by rock.



3 Light reflection: light will be reflected.





Worksheet



<u>Tick (✓) what happens in each case:</u>

Materials	Light pass through	Light blocked	Light reflected
Glass			
Rock			
Mirror			
Toy			

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